PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Ayako Yamada | 02/17/2006 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 12750594 | |

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501171179 PATENT REEL: 024359 FRAME: 0228

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| NAME OF SUBMITTER: | Nicole M. Abeloe | | | |
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| Total Attachments: 1 source=P10002US Assignment from Grandparent Application#page1.tif | | | | |

PATENT REEL: 024359 FRAME: 0229

ASSIGNMENT

| Names of Inventors: | | (1) Ayako YAMADA | |
|--|---|---|---|
| Name of Assignee: | | Kabushiki Kaisha Toshiba and Tos | shiba Tec Kabushiki Kaisha |
| State of Incorporatio | n of Assignee: | Japan (both companies) | |
| Title of Application: | IMAGE FORMING REMOVAL GUIDAN | APPARATUS, MFP AND METHOD CE | OF DISPLAYING JAM |
| Application No.: | | Date of Filing of Applic | • |
| transfer to the above- and to the inventions throughout the world in any and all countri patents and all priorit | nowledged, the under- named Assignee, its s claimed and described , and in and to any app es, and in and to any of y rights associated the | nd other good and valuable considerations agree to sell, assign and transfer uccessors and assigns, the entire and end in the above-identified patent applicablications for patent and patents which continuations, divisions, reissues and expressions. The undersigned agree to execusing the may deem necessary or expedience. | r and do hereby sell, assign and acclusive right, title and interest in tion in the United States and may be granted and issued thereor actensions of said applications and cute separate assignments in |
| to obtain a grant of or papers necessary in co | riginal, reissue or reex- connection with any int on thereof and to coop | ndersigned agree to perform all affirma amined patents on the invention. The a erference which may be declared conc- perate in every way possible in obtaining | undersigned agree to execute all |
| 3. The undersigned provisions of any and | agree to execute all pa all international treati | pers and documents and to perform an es regarding patents and industrial pro | y act necessary in connection with perty. |
| 4. The undersigned Patents resulting from Assignee, as Assignee | the above referenced | request the Commissioner of Patents to patent application and any continuation | issue any and all United States ns or divisions thereof to the |
| undersigned hereby re | epresent and warrant | having full right to convey the enti- that no other assignment, sale, agreer onflict with this assignment. This assignment | nent or encumbrance has been or |
| Signature of Inventor | 1: Nyako g | Lamada Dat | e: Feb 17, 2006 |
| Signature of Inventor | 2: | A Dat | e: |
| Signature of Inventor 3 | 3: | Dat | e: |
| Signature of Inventor 4 | ! : | Dat | e: |
| Signature of Inventor 5 | j: | Date | e: |
| Witness: | • | | |
| [witness name | ······································ | | |

PATENT REEL: 024359 FRAME: 0230

RECORDED: 05/10/2010